

# ISO 11499:2007-07 (E)

## Dentistry - Single-use cartridges for local anaesthetics

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Requirements .....	1
4.1	Freedom from leakage of anaesthetic solution .....	1
4.2	Force required for plunger movement .....	2
4.3	Underfilling of cartridges .....	2
4.4	Biocompatibility .....	2
4.5	Extractable volume .....	2
4.6	External dimensions of the assembled cartridge .....	2
4.7	Colour coding .....	2
5	Test methods .....	4
5.1	Sampling .....	4
5.2	Test conditions .....	4
5.3	Visual inspection .....	4
5.4	Test for cartridge leakage .....	4
5.5	Determination of force needed for plunger movement .....	5
5.6	Size of air bubble .....	6
5.7	Extractable volume .....	7
6	Marking .....	7
6.1	Primary container .....	7
6.2	Secondary container .....	7
Bibliography .....		9